

2590  
0823

# 15



OIPE

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/954,987B

DATE: 08/22/2002  
TIME: 15:57:20

Input Set : A:\seqlist.txt  
Output Set: N:\CRF3\08222002\I954987B.raw

4 <110> APPLICANT: Stefan Bauer  
5 Grayson B. Lipford  
6 Hermann Wagner  
8 <120> TITLE OF INVENTION: PROCESS FOR HIGH THROUGHPUT SCREENING OF  
9 CpG-BASED IMMUNO-AGONIST/ANTAGONIST  
12 <130> FILE REFERENCE: C1041/7016 (AWS)  
14 <140> CURRENT APPLICATION NUMBER: US 09/954,987B  
15 <141> CURRENT FILING DATE: 2001-09-17  
17 <150> PRIOR APPLICATION NUMBER: US 60/233,035  
18 <151> PRIOR FILING DATE: 2000-09-15  
20 <150> PRIOR APPLICATION NUMBER: US 60/263,657  
21 <151> PRIOR FILING DATE: 2001-01-23  
23 <150> PRIOR APPLICATION NUMBER: US 60/291,726  
24 <151> PRIOR FILING DATE: 2001-05-17  
26 <150> PRIOR APPLICATION NUMBER: US 60/300,210  
27 <151> PRIOR FILING DATE: 2001-06-22  
29 <160> NUMBER OF SEQ ID NOS: 230  
31 <170> SOFTWARE: FastSEQ for Windows Version 3.0  
33 <210> SEQ ID NO: 1  
34 <211> LENGTH: 3200  
35 <212> TYPE: DNA  
36 <213> ORGANISM: Mus musculus  
38 <220> FEATURE:  
39 <221> NAME/KEY: misc\_feature  
40 <222> LOCATION: (0)...(0)  
41 <223> OTHER INFORMATION: Murine TLR9 cDNA  
43 <400> SEQUENCE: 1

44	tgtcagaggg	agcctcggga	gaatcctcca	tctccaaaca	tggttctccg	tcgaaggact	60
45	ctgcacccct	tgtccctcct	ggtacaggct	gcagtgctgg	ctgagactct	ggccctgggt	120
46	accctgcctg	ccttcctacc	ctgtgagctg	aagccatcg	gcctggtgga	ctgcaattgg	180
47	ctgttcctga	agtctgtacc	ccgtttctct	gcggcagcat	cctgctccaa	catcacccgc	240
48	ctctccctga	tctccaaaccg	tatccaccac	ctgcacaact	ccgacttcgt	ccacctgtcc	300
49	aacctgcggc	agctgaacct	caagtggAAC	tgtccaccca	ctggccttag	ccccctgcac	360
50	ttctcttgcc	acatgaccat	tgagcccaga	accttcctgg	ctatgcgtac	actggaggag	420
51	ctgaacctga	gctataatgg	tatcaccact	gtgcggcag	tgcccagctc	cctggtaat	480
52	ctgagcctga	gccacaccaa	catcctgggt	ctagatgcta	acagcctcgc	cgccctataac	540
53	agcctgcgcg	ttctcttcat	ggacgggaac	tgctactaca	agaacccctg	cacaggagcg	600
54	gtgaaggtga	ccccaggcgc	cctcctgggc	ctgagcaatc	tcacccatct	gtctctgaag	660
55	tataacaacc	tcacaaaggt	gccccggccaa	ctgcccccca	gcctggagta	cctcctggtg	720
56	tcctataacc	tcattgtcaa	gctggggcct	gaagacctgg	ccaatctgac	ctcccttcga	780
57	gtacttcatg	tgggtggaa	ttgcctgcgc	tgcgaccatg	cccccaatcc	ctgtatagaa	840
58	tgtggccaaa	agtccctcca	cctgcaccct	gagaccttcc	atcacctgag	ccatctggaa	900
59	ggcctggtgc	tgaaggacag	ctctctccat	acactgaact	cttcctgggt	ccaagggtctg	960

ENTERED

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/954,987B

DATE: 08/22/2002

TIME: 15:57:20

Input Set : A:\seqlist.txt

Output Set: N:\CRF3\08222002\I954987B.raw

60	gtcaacctct	cggtgctgga	cctaagcgag	aacttctct	atgaaagcat	caaccacacc	1020	
61	aatgctttc	agaacctaac	ccgcctgcgc	aagctcaacc	tgtccttcaa	ttaccgcaag	1080	
62	aaggtaatcc	ttgcccgcct	ccacctggca	agttccttca	agaacctgg	gtcaactgcag	1140	
63	gagctgaaca	tgaacggcat	cttcttccgc	tcgctcaaca	agtacacgct	cagatggctg	1200	
64	gcccgcgtgc	ccaaactcca	cactctgcat	cttcaaata	acttcatcaa	ccaggcacag	1260	
65	ctcagcatct	ttggtaacctt	ccgagccctt	cgcttgcgg	acttgtcaga	caatcgcatc	1320	
66	atggggcctt	caacgctgtc	agaagccacc	cctgaagagg	cagatgtgc	agagcaggag	1380	
67	gagctgttgt	ctgcggatcc	tcacccagct	ccactgagca	cccctgc	ttactaacttc	1440	
68	atggacaggt	gtaagaactt	caagttcacc	atggacctgt	ctcgaaacaa	cctgggtact	1500	
69	atcaagccag	agatgttgt	caatctctca	ccgcctcc	gtcttagcct	gagccacaac	1560	
70	tccattgcac	aggctgtcaa	tggctctc	ttccctgcgc	tgactaact	gcaggtgt	1620	
71	gacctgtccc	ataacaaact	gacttgtac	cactgaaat	cgttcagtg	gctaccacag	1680	
72	ttgcaggccc	tggacctgag	ctacaacagc	cagccctta	gcatgaaggg	tataggccac	1740	
73	aatttcagtt	tttgccca	tctgtccatg	ctacacagcc	ttacactggc	acacaatgac	1800	
74	attcatacc	gtgtgcctc	acatctcaac	agcaactcag	tgaggttct	tgacttcagc	1860	
75	ggcaacggta	tggccgc	gtggatgag	ggggcctt	atctccattt	cttccaaggc	1920	
76	ctgagtggcc	tgctgaagct	ggacctgtct	caaaataacc	tgcatatcct	ccggccccag	1980	
77	aaccttgaca	acccccc	gagcctgaag	ctgctgagcc	tccgagacaa	ctacctatct	2040	
78	ttcttaact	ggaccagtct	gtccttc	cccaacctgg	aagtcc	cctggcaggc	2100	
79	aaccagctaa	aggccctgac	caatggcacc	ctgcctaa	tgcc	ccagaaactg	2160	
80	gatgtcagca	gcaacagtat	cgtctctgt	gtccc	acttgc	ggcgtcag	2220	
81	ctgaaagagg	tcaacctc	ccacaacatt	ctcaagacgg	tggatc	ctgtttggg	2280	
82	cccattgtga	tgaacctgac	agttcttagac	gtgagaagca	accctctgca	ctgtgc	2340	
83	ggggcagcct	tcgttagactt	actgttggag	gtgcagacca	agg	ctggctaa	2400	
84	ggtgtgaagt	gtggcagccc	cggccagct	caggccgta	gcat	cttc	acaggac	2460
85	cggctgtgc	tggatgagg	cctctctt	gact	ctt	cttgc	2520	
86	gccgtggc	tggtgtg	tatactgcac	catctctgc	gct	ggacgt	2580	
87	tttcatctgt	gcctgc	cat	ctggccgca	gcc	gacgc	2640	
88	ctccctat	atgc	ctgttgc	gtgttgc	g	gcgt	2700	
89	tataacgagc	tgcgggtgc	gctggaggag	cg	cc	gcct	2760	
90	ctggaggacc	gagattgg	gcctggcc	ac	gtt	ccatc	2820	
91	tatgggagcc	gcaagactt	atttgc	gccc	ctt	cc	2880	
92	cgcaccagct	tcctgc	tca	ctgttgg	acc	gc	2940	
93	tttgtatcc	tgc	cc	tgcc	cc	cc	3000	
94	tgcgc	cc	cc	tg	cc	cc	3060	
95	cagctgat	cagcc	tac	ggac	cc	cc	3120	
96	ggacctac	caga	atag	cag	cc	cc	3180	
97	tccc	gagg	tt	ctc	gc	ct	3200	
99	<210>	SEQ ID NO:	2					
100	<211>	LENGTH:	3096					
101	<212>	TYPE:	DNA					
102	<213>	ORGANISM:	Mus musculus					
104	<220>	FEATURE:						
105	<221>	NAME/KEY:	misc_feature					
106	<222>	LOCATION:	(0)...(0)					
107	<223>	OTHER INFORMATION:	Murine TLR9 ORF					
109	<400>	SEQUENCE:	2					
110	atggttctcc	gtcgaaggac	tctgcacccc	ttgtccctcc	tgg	tacaggc	60	
111	gctgagactc	tggccctggg	taccctgc	gc	tt	cct	120	

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/954,987B

DATE: 08/22/2002  
TIME: 15:57:21

Input Set : A:\seqlist.txt  
Output Set: N:\CRF3\08222002\I954987B.raw

112	ggcctggtgg	actgcaattg	gctgttcctg	aagtctgtac	cccgttctc	tgccgcagca	180
113	tcctgctcca	acatcacccg	cctctccttg	atctccaacc	gtatccacca	cctgcacaac	240
114	tccgacttcg	tccacctgtc	caacctgcgg	cagctgaacc	tcaagtggaa	ctgtccaccc	300
115	actggccta	gccccctgca	cttctcttc	cacatgacca	ttgagcccag	aaccttcctg	360
116	gctatgcgt	cactggagga	gctgaacctg	agctataatg	gtatcaccac	tgtgccccga	420
117	ctgcccagct	ccctggtaaa	tctgagcttg	agccacacca	acatccttgt	tctagatgct	480
118	aacagcctcg	ccggcctata	cagcctgcgc	gttcttctca	tggacggaa	ctgctactac	540
119	agaaccct	gcacaggagc	ggtgaaggtg	accccaggcg	ccctcctggg	cctgagcaat	600
120	ctcaccatc	tgtctctgaa	gtataacaac	ctcacaaagg	tgcggccca	actgcccccc	660
121	agcctggagt	acctcctgg	gtctataac	ctcattgtca	agctggggcc	tgaagacctg	720
122	gccaatctga	cctcccttcg	agtacttgat	gtgggtggga	attggcgtcg	ctgcgaccat	780
123	gcccccaatc	cctgtataga	atgtggccaa	aagtccctcc	acctgcaccc	ttagaccttc	840
124	catcacctga	gccatctgga	aggcctgtg	ctgaaggaca	gtctctcca	tacactgaac	900
125	tcttcctggt	tccaaggct	ggtaacaccc	tcgtgtctgg	acctaagcga	gaactttctc	960
126	tatgaaagca	tcaaccacac	caatgcctt	cagaaccta	ccgcgtcg	caagctcaac	1020
127	ctgtccttca	attaccgaa	gaaggtatcc	tttgcggcc	tccacctggc	aagttccttc	1080
128	aagaacctgg	tgtcaactgca	ggagctgaac	atgaacggca	tcttcttcg	ctcgctcaac	1140
129	aagtacacgc	tcagatggct	ggccgatctg	cccaaactcc	acactctgca	tcttcaaattg	1200
130	aacttcatca	accaggcaca	gctcagcatc	tttggtaccc	tccgagccct	tcgctttgtg	1260
131	gacttgcag	acaatcgcat	cagtgggcct	tcaacgctgt	cagaagccac	ccctgaagag	1320
132	gcagatgtg	cagagcagga	ggagctgtt	tctgcggatc	ctcaccaggc	tccactgagc	1380
133	acccctgctt	ctaagaactt	catggacagg	tgttggaaact	tcaagttcac	catggacactg	1440
134	tctcggaaaca	acctgggtgac	tatcaagcc	gagatgttt	tcaatcttc	acgcctccag	1500
135	tgtcttagcc	tgagccacaa	ctccatttgc	caggctgtca	atggctctca	gttccctggc	1560
136	ctgactaatac	tgcaggtgct	ggacctgtcc	cataacaaac	tggacttgta	ccactggaaa	1620
137	tcgttcagtg	agctaccaca	gttgcaggcc	ctgacactg	gctacaacag	ccagcccttt	1680
138	agcatgaagg	gtataggcca	caatttcagt	tttggccccc	atctgtccat	gctacacagc	1740
139	cttagcctgg	cacacaatga	cattcatacc	cgtgtgtct	cacatctcaa	cagcaactca	1800
140	gtgaggttcc	ttgacttcag	cgccaacgg	atggggccca	tgtggatga	ggggggcctt	1860
141	tatctccatt	tcttccaagg	cctgagtggc	ctgctgaagc	tggacctgtc	tcaaaaataac	1920
142	ctgcataatcc	tccggccca	gaaccttgc	aacctccca	agagcctgaa	gctgctgagc	1980
143	ctccgagaca	actacctatac	tttctttaac	tggaccagtc	tgtccttcct	gcccaacactg	2040
144	gaagtcctag	acctggcagg	caaccagct	aaggccctg	ccaatggcac	cctgcctaatt	2100
145	ggcaccctcc	tccagaaact	ggatgtcagc	agcaacagta	tcgtctctgt	ggtcccagcc	2160
146	ttcttcgctc	tggcggtcg	gctgaaagag	gtcaacctca	gccacaacat	tctcaagacg	2220
147	gtggatcgct	cctgtttgg	gcccatttgc	atgaacctga	cagttctaga	cgtgagaagc	2280
148	aaccctctgc	actgtgcctg	tggggcagcc	ttcttagact	tactgttgg	ggtcagacc	2340
149	aagggtccctg	gcctggctaa	tgggtgtgaa	tgtggcagcc	ccggccagct	gcagggccgt	2400
150	agcatcttcg	cacaggacct	gcggctgtgc	ctggatgagg	tcctcttc	ggactgtctt	2460
151	ggcctttcac	tcttggctgt	ggcgtggcc	atgggtgtc	ctataactgca	ccatctctgc	2520
152	ggctgggacg	tctggtaactg	tttcatctg	tgcttgc	ggcttaccc	gctggccgc	2580
153	agccgacgca	gcgcacca	tctccctat	gatgccttcg	tgggtttcga	taaggcaca	2640
154	agcgcagtt	cggaatgggt	gtataacgag	ctgcgggtgc	ggctggagga	gcggcgcgg	2700
155	cgccgagccc	tacgttgc	tctggagac	cgagattggc	tgccctggcca	gacgctttc	2760
156	gagaacacct	gggtttccat	ctatggagc	cgcaagactc	tatttgc	ggcccacacg	2820
157	gaccgcgtca	gtggcttcc	gcccaccc	ttctctgtt	ctcagcagcg	cctgttggaa	2880
158	gaccgcagg	acgtgggtgt	gttgggtatc	ctgcgtccgg	atgcccaccc	ctcccgctat	2940
159	gtgcgactgc	gccagcgtt	ctgcgcac	agtgtgtct	tctggccca	gcagccaaac	3000
160	gggcaggggg	gttctggcc	ccagctgagt	acagccctga	ctagggacaa	ccgcccacttc	3060

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/954,987B

DATE: 08/22/2002  
TIME: 15:57:21

Input Set : A:\seqlist.txt  
Output Set: N:\CRF3\08222002\I954987B.raw

161 tataaccaga acttctgccg gggacctaca gcagaa 3096  
 163 <210> SEQ ID NO: 3  
 164 <211> LENGTH: 1032  
 165 <212> TYPE: PRT  
 166 <213> ORGANISM: Mus musculus  
 168 <400> SEQUENCE: 3  
 169 Met Val Leu Arg Arg Arg Thr Leu His Pro Leu Ser Leu Leu Val Gln  
 170 1 5 10 15  
 171 Ala Ala Val Leu Ala Glu Thr Leu Ala Leu Gly Thr Leu Pro Ala Phe  
 172 20 25 30  
 173 Leu Pro Cys Glu Leu Lys Pro His Gly Leu Val Asp Cys Asn Trp Leu  
 174 35 40 45  
 175 Phe Leu Lys Ser Val Pro Arg Phe Ser Ala Ala Ala Ser Cys Ser Asn  
 176 50 55 60  
 177 Ile Thr Arg Leu Ser Leu Ile Ser Asn Arg Ile His His Leu His Asn  
 178 65 70 75 80  
 179 Ser Asp Phe Val His Leu Ser Asn Leu Arg Gln Leu Asn Leu Lys Trp  
 180 85 90 95  
 181 Asn Cys Pro Pro Thr Gly Leu Ser Pro Leu His Phe Ser Cys His Met  
 182 100 105 110  
 183 Thr Ile Glu Pro Arg Thr Phe Leu Ala Met Arg Thr Leu Glu Glu Leu  
 184 115 120 125  
 185 Asn Leu Ser Tyr Asn Gly Ile Thr Thr Val Pro Arg Leu Pro Ser Ser  
 186 130 135 140  
 187 Leu Val Asn Leu Ser Leu Ser His Thr Asn Ile Leu Val Leu Asp Ala  
 188 145 150 155 160  
 189 Asn Ser Leu Ala Gly Leu Tyr Ser Leu Arg Val Leu Phe Met Asp Gly  
 190 165 170 175  
 191 Asn Cys Tyr Tyr Lys Asn Pro Cys Thr Gly Ala Val Lys Val Thr Pro  
 192 180 185 190  
 193 Gly Ala Leu Leu Gly Leu Ser Asn Leu Thr His Leu Ser Leu Lys Tyr  
 194 195 200 205  
 195 Asn Asn Leu Thr Lys Val Pro Arg Gln Leu Pro Pro Ser Leu Glu Tyr  
 196 210 215 220  
 197 Leu Leu Val Ser Tyr Asn Leu Ile Val Lys Leu Gly Pro Glu Asp Leu  
 198 225 230 235 240  
 199 Ala Asn Leu Thr Ser Leu Arg Val Leu Asp Val Gly Gly Asn Cys Arg  
 200 245 250 255  
 201 Arg Cys Asp His Ala Pro Asn Pro Cys Ile Glu Cys Gly Gln Lys Ser  
 202 260 265 270  
 203 Leu His Leu His Pro Glu Thr Phe His His Leu Ser His Leu Glu Gly  
 204 275 280 285  
 205 Leu Val Leu Lys Asp Ser Ser Leu His Thr Leu Asn Ser Ser Trp Phe  
 206 290 295 300  
 207 Gln Gly Leu Val Asn Leu Ser Val Leu Asp Leu Ser Glu Asn Phe Leu  
 208 305 310 315 320  
 209 Tyr Glu Ser Ile Asn His Thr Asn Ala Phe Gln Asn Leu Thr Arg Leu  
 210 325 330 335  
 211 Arg Lys Leu Asn Leu Ser Phe Asn Tyr Arg Lys Lys Val Ser Phe Ala

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/954,987B

DATE: 08/22/2002  
TIME: 15:57:21

Input Set : A:\seqlist.txt  
Output Set: N:\CRF3\08222002\I954987B.raw

212	340	345	350	
213	Arg Leu His Leu Ala Ser Ser Phe Lys Asn Leu Val Ser Leu Gln Glu			
214	355	360	365	
215	Leu Asn Met Asn Gly Ile Phe Phe Arg Ser Leu Asn Lys Tyr Thr Leu			
216	370	375	380	
217	Arg Trp Leu Ala Asp Leu Pro Lys Leu His Thr Leu His Leu Gln Met			
218	385	390	395	400
219	Asn Phe Ile Asn Gln Ala Gln Leu Ser Ile Phe Gly Thr Phe Arg Ala			
220	405	410	415	
221	Leu Arg Phe Val Asp Leu Ser Asp Asn Arg Ile Ser Gly Pro Ser Thr			
222	420	425	430	
223	Leu Ser Glu Ala Thr Pro Glu Glu Ala Asp Asp Ala Glu Gln Glu Glu			
224	435	440	445	
225	Leu Leu Ser Ala Asp Pro His Pro Ala Pro Leu Ser Thr Pro Ala Ser			
226	450	455	460	
227	Lys Asn Phe Met Asp Arg Cys Lys Asn Phe Lys Phe Thr Met Asp Leu			
228	465	470	475	480
229	Ser Arg Asn Asn Leu Val Thr Ile Lys Pro Glu Met Phe Val Asn Leu			
230	485	490	495	
231	Ser Arg Leu Gln Cys Leu Ser Leu Ser His Asn Ser Ile Ala Gln Ala			
232	500	505	510	
233	Val Asn Gly Ser Gln Phe Leu Pro Leu Thr Asn Leu Gln Val Leu Asp			
234	515	520	525	
235	Leu Ser His Asn Lys Leu Asp Leu Tyr His Trp Lys Ser Phe Ser Glu			
236	530	535	540	
237	Leu Pro Gln Leu Gln Ala Leu Asp Leu Ser Tyr Asn Ser Gln Pro Phe			
238	545	550	555	560
239	Ser Met Lys Gly Ile Gly His Asn Phe Ser Phe Val Ala His Leu Ser			
240	565	570	575	
241	Met Leu His Ser Leu Ser Leu Ala His Asn Asp Ile His Thr Arg Val			
242	580	585	590	
243	Ser Ser His Leu Asn Ser Asn Ser Val Arg Phe Leu Asp Phe Ser Gly			
244	595	600	605	
245	Asn Gly Met Gly Arg Met Trp Asp Glu Gly Gly Leu Tyr Leu His Phe			
246	610	615	620	
247	Phe Gln Gly Leu Ser Gly Leu Leu Lys Leu Asp Leu Ser Gln Asn Asn			
248	625	630	635	640
249	Leu His Ile Leu Arg Pro Gln Asn Leu Asp Asn Leu Pro Lys Ser Leu			
250	645	650	655	
251	Lys Leu Leu Ser Leu Arg Asp Asn Tyr Leu Ser Phe Phe Asn Trp Thr			
252	660	665	670	
253	Ser Leu Ser Phe Leu Pro Asn Leu Glu Val Leu Asp Leu Ala Gly Asn			
254	675	680	685	
255	Gln Leu Lys Ala Leu Thr Asn Gly Thr Leu Pro Asn Gly Thr Leu Leu			
256	690	695	700	
257	Gln Lys Leu Asp Val Ser Ser Asn Ser Ile Val Ser Val Val Pro Ala			
258	705	710	715	720
259	Phe Phe Ala Leu Ala Val Glu Leu Lys Glu Val Asn Leu Ser His Asn			
260	725	730	735	

RAW SEQUENCE LISTING ERROR SUMMARY                    DATE: 08/22/2002  
PATENT APPLICATION: US/09/954,987B                    TIME: 15:57:22

Input Set : A:\seqlist.txt  
Output Set: N:\CRF3\08222002\I954987B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:9; N Pos. 380  
Seq#:10; Xaa Pos. 39  
Seq#:125; Xaa Pos. 2,3,4,5,6,7,8,10,12,14,15,16,17,18,19,20,21,22,25,26,27  
Seq#:125; Xaa Pos. 28,29,30  
Seq#:126; Xaa Pos. 2,3,4,5,6,7,8,10,12,14,15,16,17,18,19,20,21,22,25,26,27  
Seq#:126; Xaa Pos. 28,29,30  
Seq#:127; Xaa Pos. 2,3,4,5,6,7,8,10,12,14,15,16,17,18,19,20,21,22,25,26,27  
Seq#:127; Xaa Pos. 28,29,30  
Seq#:145; Xaa Pos. 2,3,5,6,7,8,9,10,12,13  
Seq#:196; Xaa Pos. 4,5,7,8,9,10,11,12,14,15  
Seq#:203; Xaa Pos. 2,3,4,5,6,7,8,10,12,14,15,16,17,18,19,20,21,22,25,26,27  
Seq#:203; Xaa Pos. 28,29,30  
Seq#:204; Xaa Pos. 2,3,4,5,6,7,8,10,12,14,15,16,17,18,19,20,21,22,25,26,27  
Seq#:204; Xaa Pos. 28,29,30  
Seq#:205; Xaa Pos. 2,3,4,5,6,7,8,10,12,14,15,16,17,18,19,20,21,22,25,26,27  
Seq#:205; Xaa Pos. 28,29,30  
Seq#:206; Xaa Pos. 2,3,4,5,6,7,8,10,12,14,15,16,17,18,19,20,21,22,25,26,27  
Seq#:206; Xaa Pos. 28,29,30